The associate of applied science degree in welding technology is designed to prepare the individual for a career as a welding technician in the fabrication, construction and manufacturing industries. The program includes hands-on application of SMAW, GTAW, GMAW, and FCAW processes, in all positions, using pipe, plate and structural shapes. The student is also exposed to basic metallurgy and inspection procedures. The academic requirements of the program provide the foundation for continued studies should the student desire to continue his or her education.

The welding technology certificate program prepares the student for entry-level employment as a structural welder. The program provides the essential skills and safety practices in arc welding procedures in both structural plate and pipe. Courses completed in this certificate program may be applied toward the welding technology associate of applied science degree.

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Welding Technology AAS
Available at LSC-Cypress Center, LSC-North Harris, LSC-Victory Center, LSC-Conroe Center, and LSC-Montgomery
LoneStar.edu/Welding-Technology-AAS

Median Wage: $41,354

Shielded Metal Arc Welding Certificate Level I
LoneStar.edu/SMAW-Certificate

Gas Metal Arc Welding Certificate Level I
LoneStar.edu/GMAW-Certificate

Gas Tungsten Arc Welding Certificate Level I
LoneStar.edu/Gas-Tungsten-Arc-Welding-Certificate

Pipe Welding Certificate Level I
LoneStar.edu/Pipe-Welding-Certificate

**Representative career titles and job positions for this program plan include:**

- **Maintenance Welder**
- **Welder/Fabricator or Welder**

1Median Wage: $41,354


*Position titles vary by employer and location.*

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**Complete your Welding Technology AAS in 2 years!**

For more information on gainful employment, visit [LoneStar.edu/GainfulEmployment](http://LoneStar.edu/GainfulEmployment).

LoneStar.edu/Welding-Technology-AAS